

## SILICON VALLEY

Silicon Valley's potent economy is influencing land-use and transportation decisions around much of the Bay Area and beyond. Many transportation investments in this corridor are tied to the internal circulation needs of this heavily populated and job-rich portion of the Bay Area. The subarea encompasses the central and southern portions of Santa Clara County. The major highway transportation facilities are Interstate 280, Interstate 680, U.S. 101, Route 9, Route 17, Route 85 and Route 87 freeways. The corridor is linked internally by a system of county expressways and a number of major arterials. Santa Clara County is investing heavily in transit to improve mobility and better link dispersed housing and office/industrial complexes.

Public transportation facilities include light rail; Capitol Corridor intercity rail service to Sacramento; Caltrain commuter rail service between Gilroy in the southern end of the county all the way to San Francisco; and light rail and local and express bus service operated by Santa Clara Valley Transportation Authority (VTA). VTA's recent sales tax measure contributes heavily to the light-rail system, which is becoming the "backbone" of the mass transit system. The measure also provides funds to bring BART into Santa Clara County, through downtown San Jose to Santa Clara (see Fremont-South Bay Corridor). Major passenger intermodal terminals are the Diridon Caltrain station, the Tamien and Mountain View light-rail/Caltrain stations, the Palo Alto Caltrain station, and San Jose International Airport.

This subarea accounts for the largest share of Bay Area employment, and draws workers from surrounding areas, including San Benito, San Joaquin and Santa Cruz counties.

## Management Objectives

- Manage travel in "gateways" leading into Santa Clara Valley — U.S. 101, Route 17, Interstate 880, Interstate 680 and Interstate 280 — to protect the core valley employment centers from traffic overload
- Complete gaps in the existing HOV lane system to facilitate express bus service
- Manage freeways, expressways and local arterials within Santa Clara County as one system to minimize overall system delay during the peak period
- Maintain reliable freeway operations in the off-peak period for freight mobility
- Improve arterials within the core valley employment centers to better serve transit, autos and truck deliveries
- Provide feeder service to rail systems and expand rail systems in corridors that link jobs and transit-dependent workers
- Ensure good transit access to major activity centers and San Jose International Airport
- Improve freeway connectivity
- Close gaps in county bicycle network and provide safe and convenient bicycle and pedestrian access to transit facilities

## Committed Funding

Not mapped:

- Tasman Corridor East light-rail extension from North First Street to Hostetter Road
- Downtown East Valley: light-rail and Bus Rapid Transit Phases 1 and 2
- Capitol Corridor light-rail extension along Capitol Avenue from Hostetter Road to Wilbur Avenue north of Capitol Expressway
- San Jose International Airport connections to Guadalupe light-rail transit
- Vasona Corridor light-rail extension from downtown San Jose to Winchester Boulevard in Campbell
- Widen U.S. 101 from 4 lanes to 6 lanes between Metcalf Road in south San Jose to Cochrane Road in Morgan Hill
- Widen Guadalupe Expressway (Route 87) from 4-lane expressway to 6-lane freeway, including 2 HOV lanes from U.S. 101 to Julian Street in downtown San Jose
- Route 87: add northbound and southbound HOV lanes from Julian Street to I-280 and from I-280 to Route 85
- Complete Route 85 and U.S. 101 interchange and connector ramps in South San Jose and widen U.S. 101 to 8 lanes from Bernal Road to Metcalf Road
- Complete Route 85/87 interchange and connector ramps in San Jose
- Double track Caltrain: San Jose to Gilroy
- U.S. 101 interchange improvements at Bailey Avenue, Hellyer Avenue and Blossom Hill Road
- Route 17 improvements between Campbell and Los Gatos
- Bus Rapid Transit Corridor: Stevens Creek Boulevard; El Camino Real (Line 22)
- Route 85/U.S. 101 interchange improvements in Mountain View; includes northbound and southbound HOV lane direct connectors
- Increase Caltrain service from San Jose to Gilroy; includes Caltrain corridor facilities and service improvements
- Caltrain extension to Salinas/Monterey (capital funds)
- Extend Vasona light-rail from Winchester Boulevard to Vasona Junction in Los Gatos
- Widen U.S. 101 from 6 lanes to 8 lanes with HOV lanes from Metcalf Road to Cochrane Road
- Expand Guadalupe light-rail vehicle maintenance facility

## Track 1

- ① I-880/Coleman Avenue interchange improvements
- ② U.S. 101/Fourth Street/Zanker Road overcrossing and ramp modifications
- ③ I-280/I-680 connector to southbound U.S. 101: separate new ramp with Tully Road exit ramp
- ④ Route 85 northbound to I-280 northbound and I-280 exit to Foothill Expressway ramp improvements
- ⑤ Route 25/Santa Teresa Boulevard/U.S. 101 interchange construction
- ⑥ Widen Route 237 for HOV lanes between Route 85 and U.S. 101
- ⑦ Additional Route 152 safety improvements between U.S. 101 and Route 156 (may include westbound Route 152 to westbound Route 156 overpass)
- ⑧ Upgrade Route 25 to 4-lane expressway standards (Santa Clara County portion of project)
- ⑨ Widen Route 85 from I-280 to Fremont Avenue
- ⑩ U.S. 101/Tennant Avenue interchange improvements in Morgan Hill
- ⑪ Trimble Road/De La Cruz Boulevard/Central Expressway/U.S. 101 interchange improvements
- ⑫ U.S. 101/Tully Road interchange modifications
- ⑬ Add U.S. 101 auxiliary lane from Route 87 to Montague Expressway
- ⑭ Route 87/U.S. 101 ramp connection to Trimble Road interchange
- ⑮ Construct Butterfield Boulevard from San Pedro Road to Watsonville Road
- ⑯ Widen Montague Expressway from 6 lanes to 8 lanes (adds 2 mixed-flow lanes) from I-680 to U.S. 101
- ⑰ Widen Central Expressway from 6 lanes to 8 lanes (adds 2 HOV lanes) between Route 237 and De La Cruz Avenue
- ⑱ I-880/Stevens Creek Boulevard interchange improvements
- ⑲ Montague Expressway/Trimble overpass: westbound Montague Expressway to westbound Trimble Road
- ⑳ Extend Mary Avenue from Almanor Avenue to H Street, including Route 237/U.S. 101 overcrossing in Sunnyvale
- ㉑ Montague Expressway/San Tomas Expressway/U.S. 101/Mission College Boulevard interchange improvements

## Blueprint

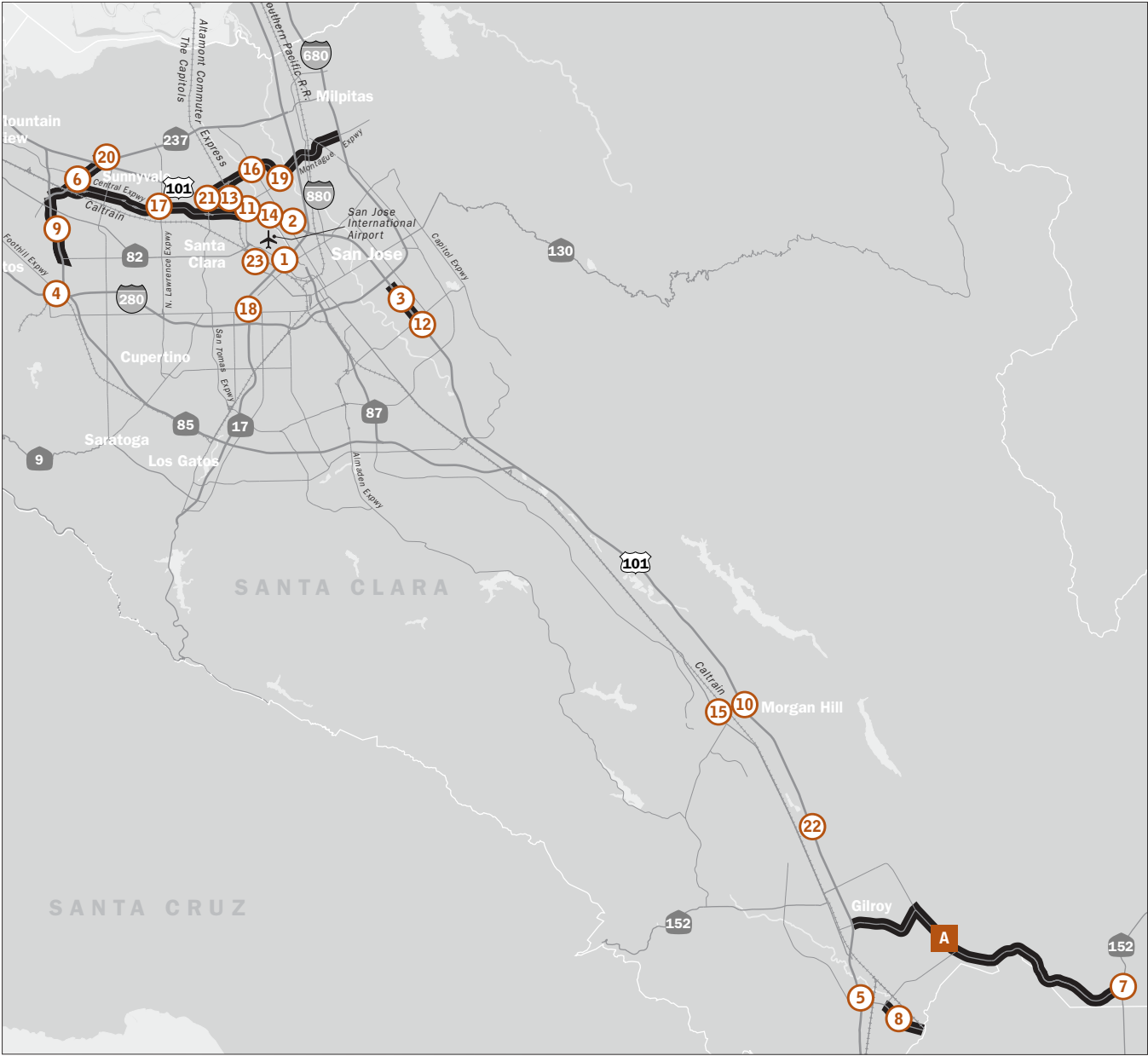
- A** Route 152 to full expressway to San Benito County line

Not mapped:


- Additional countywide freeway interchange improvements (Santa Clara County)
- New rail extensions funded in sales tax but beyond 25-year horizon of RTP (to be determined in consultation with VTA)
- Future expressway improvements



## Track 1 (continued)


- ㉒ U.S. 101/Buena Vista Avenue interchange construction
- ㉓ San Jose-Santa Clara fourth main track in Caltrain right of way and station upgrades (Phase 1)





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-  Track 1 Project


 Blueprint Project
-  Interstate Highway


 U.S. Highway

 State Highway

 Freeway

 Other Highway

 Major Arterial

 Rail Line

 Airport